

\*NOT YET APPROVED\*

ORDINANCE NO. \_\_\_\_\_

Ordinance of The Council of The City of Palo Alto Approving  
a Plan for Park Improvements at the City's Baylands: Authorizing the  
Santa Clara Valley Water District's Palo Alto Flood Basin Tide Gate  
Structure Phase 1: Seismic Retrofit and Rehabilitation Project

The Council of the City of Palo Alto does ORDAIN as follows:

SECTION 1. Findings and Improvements. The City Council finds and declares that:

- (a) Article VIII of the Charter of the City of Palo Alto and Section 22.08.005 of the Palo Alto Municipal Code (PAMC) require that, before any substantial building, construction, reconstruction or development is commenced or approved, upon or with respect to any land held by the City for park purposes, the Council shall first cause to be prepared and by ordinance approve and adopt a plan therefor.
- (b) The Palo Alto Flood Basin Tide Gate Structure (Structure) is part of the Adobe Creek Loop Trail (Trail). The Structure is located in the City's Baylands, which is dedicated parkland (See PAMC § 22.08.020 *et seq.*)
- (c) The City of Palo Alto intends to authorize Santa Clara Valley Water District (Valley Water) to perform a seismic retrofit and rehabilitation of the 1957-built Structure. The retrofit intends to reduce seismic vulnerabilities and the rehabilitation aims to extend the existing Structure's service life. Based on the Conditional Structural Assessment of the existing Structure and reduced functionality, the Structure is planned to be seismically retrofitted and rehabilitated.
- (d) The plan of improvements (Plan) shall comprise, as follows:
- (1) The Project will install a deep foundation system on each end of the existing Structure consisting of two reinforced concrete piles topped with a rectangular-shaped reinforced concrete pile cap. The pile cap contains steel dowels to positively connect the deep foundation system to the side of the existing Structure. Select plan sheets showing the in-progress design are attached as Exhibit "A".
  - (2) The Project will repair large cracks and spalls in the concrete surface of the existing structure and then apply a Polyester Polymer Concrete (PPC) overlay for added protection. Select plan sheets showing the in-progress design are attached as Exhibit "A".
  - (3) The Project will replace the existing 42" tall fence with a new 48" tall fence. Select plan sheets showing the in-progress design are attached as Exhibit "A".

\*NOT YET APPROVED\*

- (4) The Project will create improved maintenance access from the deck to the flood basin with ladders and an opening in the trash rack. Select plan sheets showing the in-progress design are attached as Exhibit "A".
- (5) The Project will require temporary closures to portions of the Trail to accommodate construction of the seismic retrofit and rehabilitation work. A diagram illustrating anticipated Trail closures is attached as Exhibit "B". If the seismic retrofit and rehabilitation work to the Structure is not constructed, future degradation of the existing Structure will occur and would eventually require closure of the Trail for an unknown duration of time.
- (e) The Project described above and as otherwise depicted in the attached exhibits is consistent with "park, playground, recreation or conservation purposes" as required under PAMC section 22.08.020 *et seq.*
- (f) The City Council desires to approve the Plan for the Project described above and as depicted in Exhibit "A" and Exhibit "B".

SECTION 2. The City Council hereby approves the Plan for construction of the Palo Alto Flood Basin Tide Gate Structure Phase 1: Seismic Retrofit and Rehabilitation Project as described in this Ordinance.

SECTION 3. Valley Water is the Lead Agency for the Project under the California Environmental Quality Act (CEQA). Valley Water performed an Initial Study and determined that a Mitigated Negative Declaration (MND) is the appropriate level of review for the previous Project scope of a Structure replacement. A resolution adopting the Final MND (Resolution) was signed by Valley Water's Board on April 27, 2021. Since the work for the Seismic Retrofit and Rehabilitation Project is smaller in scope and has less impacts, an addendum to the Final MND has been completed stating that the modifications to the original Structure replacement project will not result in new significant impacts or increase the severity of the already disclosed impacts. On October 22, 2024, Valley Water's Board considered the addendum to the Final MND and approved the Modified Palo Alto Tide Gate Replacement Project. The CEQA documents are available online from the project website: <https://www.valleywater.org/pafbtidegates>.

The City Council finds that the City of Palo Alto is a responsible agency under CEQA for the Project and certifies that it has reviewed and considered the information contained in Valley Water's MND as updated by the addendum.

Valley Water will apply for new regulatory permits or amend the existing regulatory permits from six resource agencies and will be working with the resource agencies for updated mitigation requirements and permit conditions.

\*NOT YET APPROVED\*

SECTION 4. This ordinance shall be effective on the thirty-first day after the date of its adoption.

INTRODUCED:

PASSED:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor

APPROVED AS TO FORM:

APPROVED:

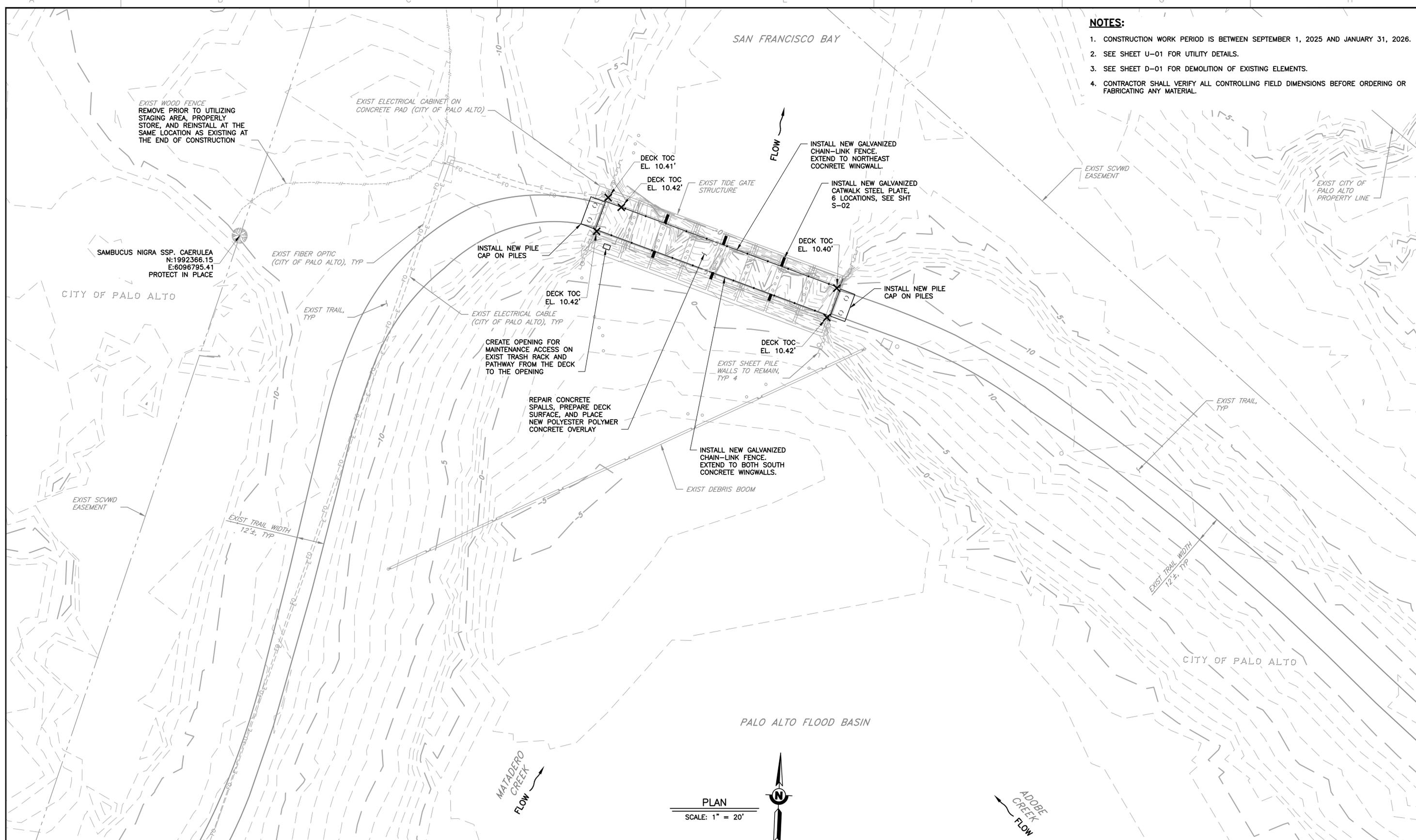
\_\_\_\_\_  
Assistant City Attorney

\_\_\_\_\_  
City Manager

\_\_\_\_\_  
Director of Community Services

**NOTES:**

1. CONSTRUCTION WORK PERIOD IS BETWEEN SEPTEMBER 1, 2025 AND JANUARY 31, 2026.
2. SEE SHEET U-01 FOR UTILITY DETAILS.
3. SEE SHEET D-01 FOR DEMOLITION OF EXISTING ELEMENTS.
4. CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE AS SHOWN	PROJECT NUMBER
				<b>EXHIBIT A</b>				<b>PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE SEISMIC RETROFIT AND REHABILITATION PROJECT</b> GENERAL PLAN		<b>EXHIBIT A PAGE 1 OF 4</b>

**NOTES:**

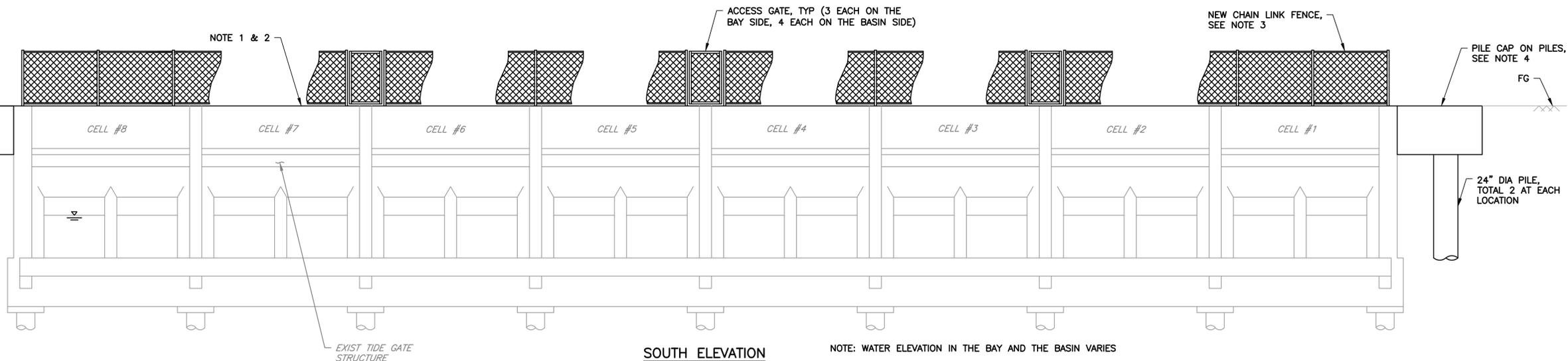
1. REMOVE UNSOUND CONCRETE ON DECK AND REPAIR PER DETAILS ON SHEET S-10. SEE SHEET S-09 FOR LOCATIONS.
2. PLACE 1" MIN. DEPTH POLYESTER POLYMER CONCRETE (PPC) OVERLAY.
3. CONSTRUCT NEW 54" TALL CHAIN LINK RAILING. SEE SHEET S-08 FOR DETAILS. PROVIDE A GATE AT EACH CATWALK STEEL PLATE LOCATION (6 EACH) AND AT MAINTENANCE ACCESS FOR CELL #8 (1 EACH).
4. TOP OF PILE CAP ELEVATION SHALL MATCH PPC OVERLAYED TOP OF ADJACENT DECK AND SHALL BE LEVEL. SEE SHEET S-05 FOR PILE CAP DETAILS.
5. SEE SHEET S-06 FOR LOCATIONS AND DETAILS.
6. INSTALL 24" WIDE GALVANIZED STEEL LADDER ASSEMBLY ON THE SIDE OF CONCRETE DECK. INSTALL HANDLES ON THE NEW GATE POSTS. SEE SHEET S-07 FOR DETAILS.
7. WELD 23 1/2" WIDE GALVANIZED RUNGS ON EXISTING TRASH RACK @ 12" SPACING TO PROVIDE MAINTENANCE PATHWAY TO THE FLOOD BASIN. SEE SHEET S-06 FOR DETAILS.

**LEGEND:**

 LIMITS OF REMOVE UNSOUND CONCRETE, PREPARE BRIDGE DECK SURFACE, AND PLACE POLYESTER CONCRETE OVERLAY.

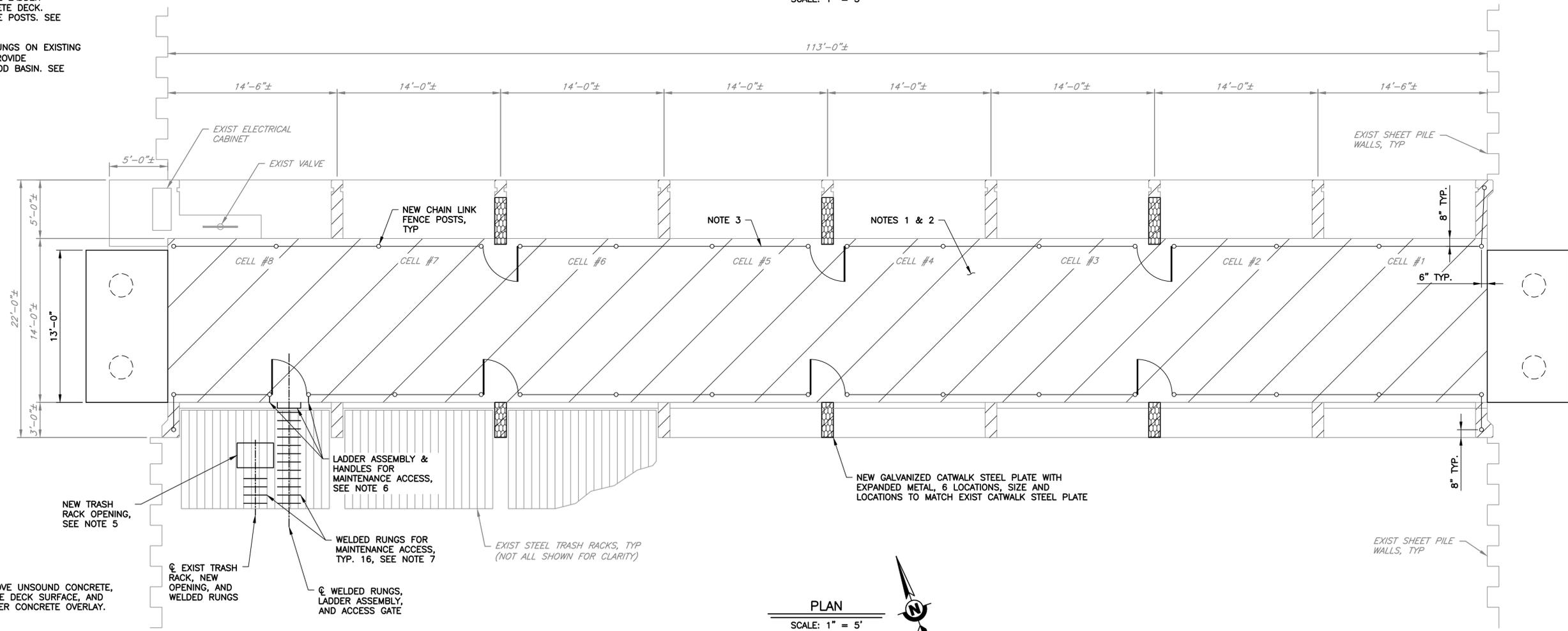
 EXIST TRASH RACK, NEW OPENING, AND WELDED RUNGS

 WELDED RUNGS, LADDER ASSEMBLY, AND ACCESS GATE



**SOUTH ELEVATION**  
SCALE: 1" = 5'

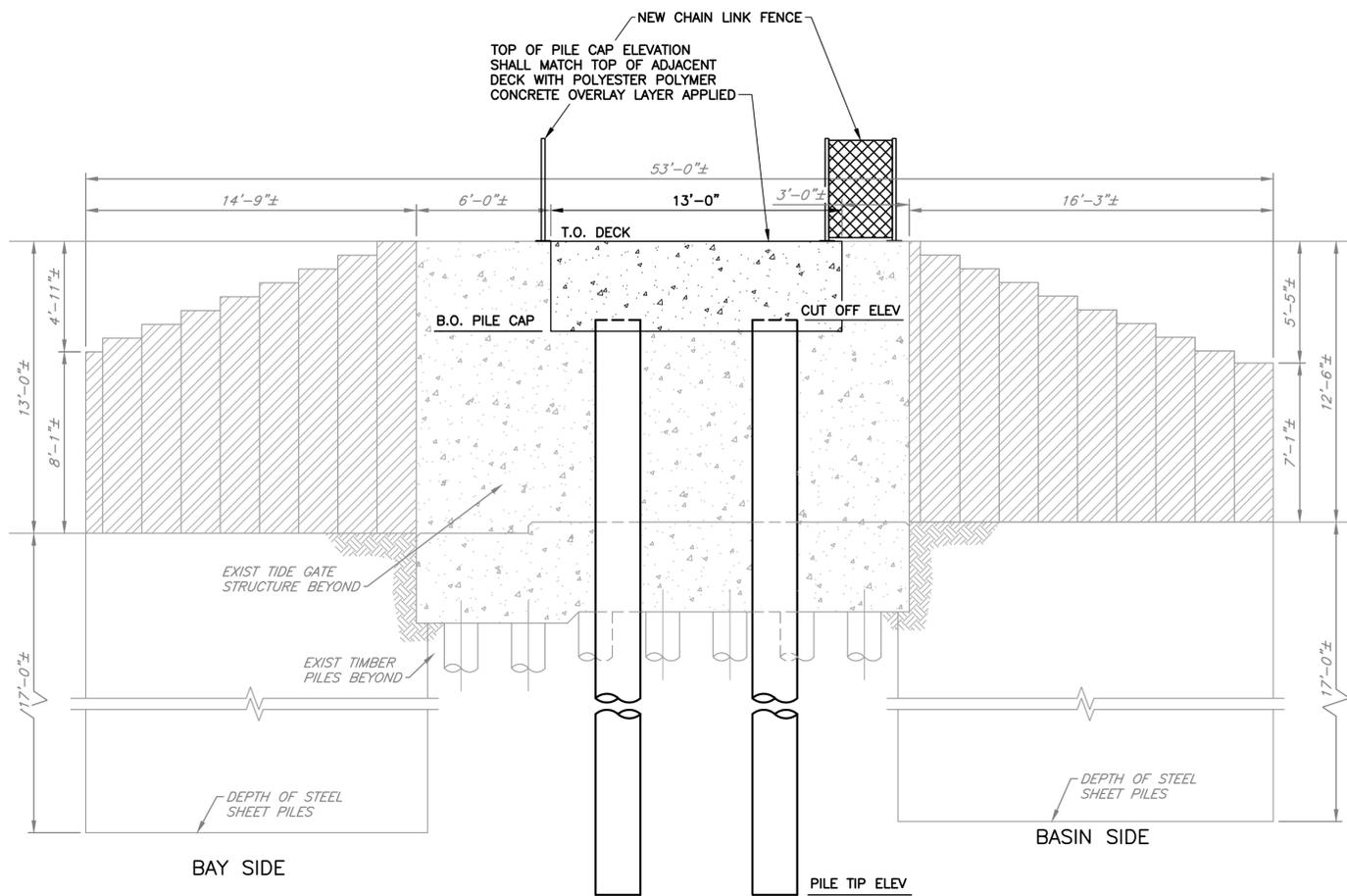
NOTE: WATER ELEVATION IN THE BAY AND THE BASIN VARIES



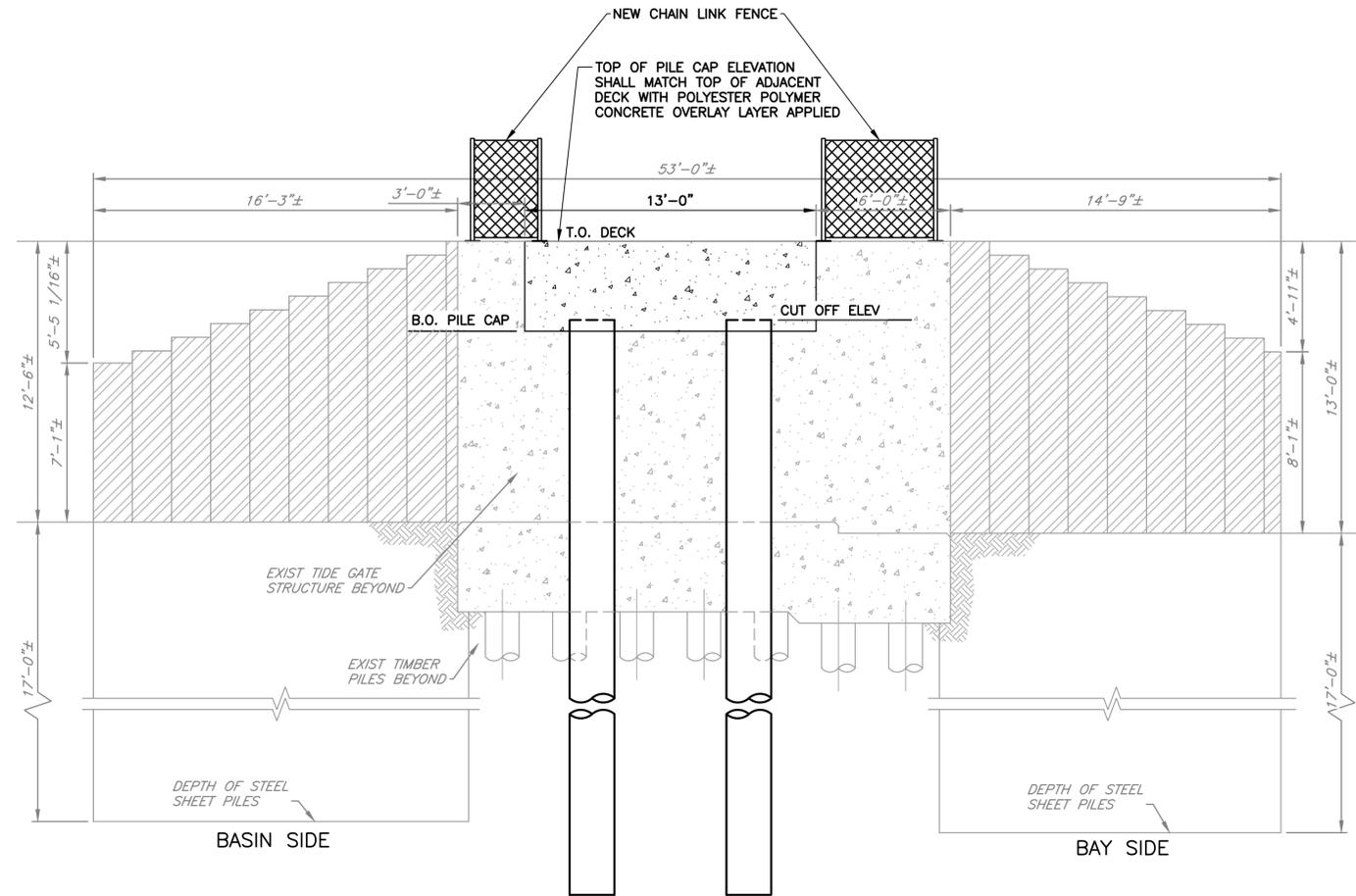
**PLAN**  
SCALE: 1" = 5'



REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION: <b>PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE SEISMIC RETROFIT AND REHABILITATION PROJECT</b>	SCALE AS SHOWN	PROJECT NUMBER
				<h1>EXHIBIT A</h1>				<b>STRUCTURAL GENERAL PLAN</b>	<b>EXHIBIT A</b>	<b>PAGE 2 OF 4</b>
					DESIGN					
					DRAWN					
					CHECKED					
					ENGINEER	DATE				

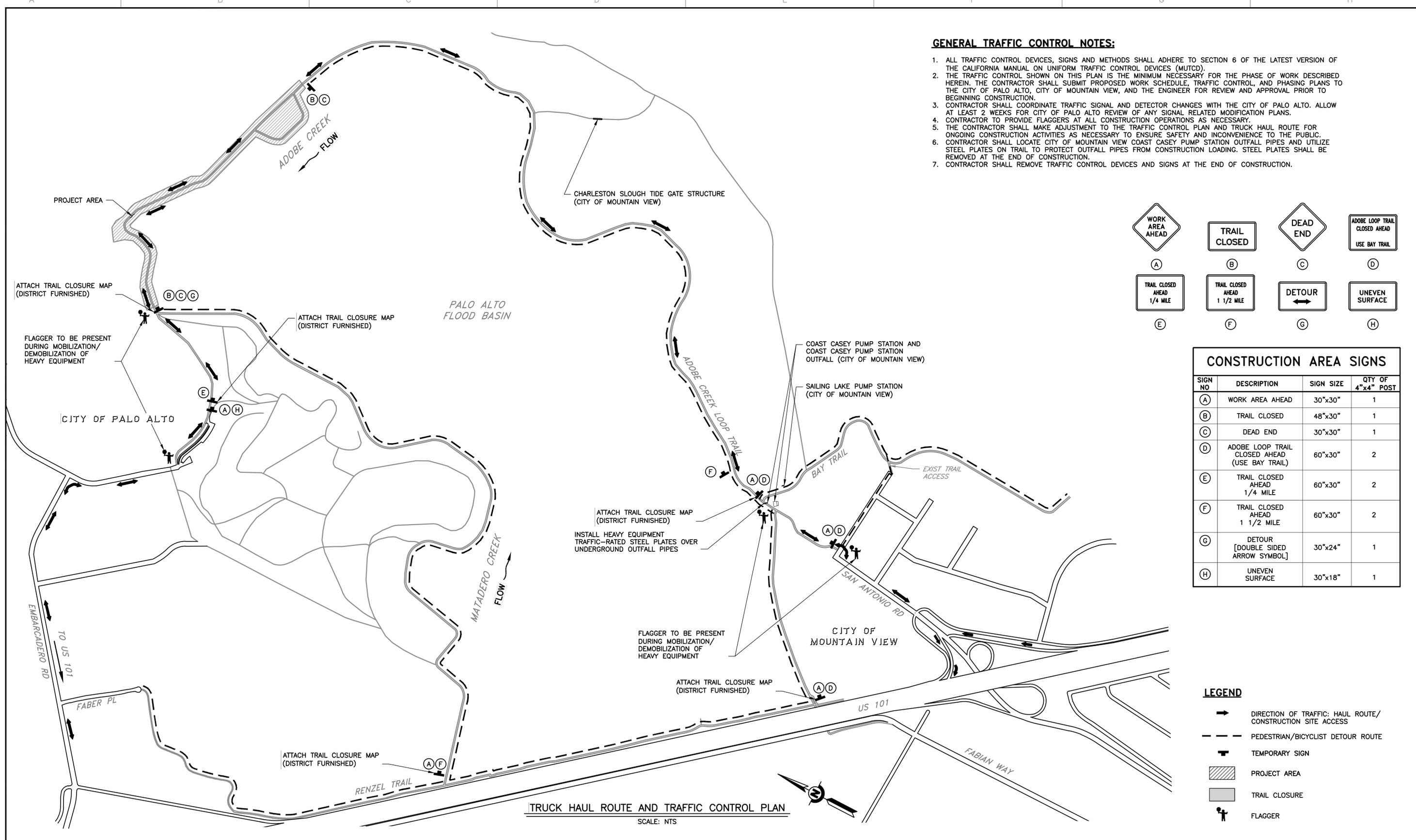


**SECTION A WEST END**  
 S-03 SCALE: 1/4" = 1'-0"

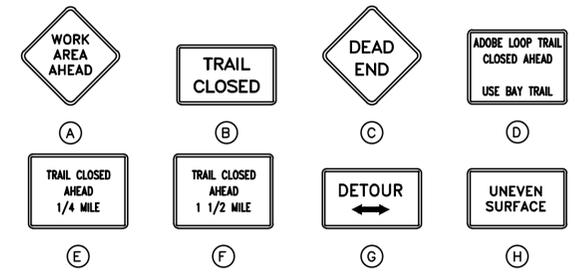


**SECTION B EAST END**  
 S-03 SCALE: 1/4" = 1'-0"

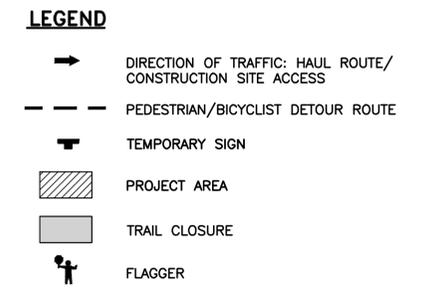
REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION:	SCALE	PROJECT NUMBER
				<b>EXHIBIT A</b>				<b>PALO ALTO FLOOD BASIN TIDE GATE          STRUCTURE SEISMIC RETROFIT          AND REHABILITATION PROJECT</b> PILE CAP AND PILE DETAILS	AS SHOWN	<b>EXHIBIT A PAGE 3 OF 4</b>
					DESIGN					
					DRAWN					
					CHECKED					
					ENGINEER	DATE				



- GENERAL TRAFFIC CONTROL NOTES:**
1. ALL TRAFFIC CONTROL DEVICES, SIGNS AND METHODS SHALL ADHERE TO SECTION 6 OF THE LATEST VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
  2. THE TRAFFIC CONTROL SHOWN ON THIS PLAN IS THE MINIMUM NECESSARY FOR THE PHASE OF WORK DESCRIBED HEREIN. THE CONTRACTOR SHALL SUBMIT PROPOSED WORK SCHEDULE, TRAFFIC REVIEW, AND PHASING PLANS TO THE CITY OF PALO ALTO, CITY OF MOUNTAIN VIEW, AND THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
  3. CONTRACTOR SHALL COORDINATE TRAFFIC SIGNAL AND DETECTOR CHANGES WITH THE CITY OF PALO ALTO. ALLOW AT LEAST 2 WEEKS FOR CITY OF PALO ALTO REVIEW OF ANY SIGNAL RELATED MODIFICATION PLANS.
  4. CONTRACTOR TO PROVIDE FLAGGERS AT ALL CONSTRUCTION OPERATIONS AS NECESSARY.
  5. THE CONTRACTOR SHALL MAKE ADJUSTMENT TO THE TRAFFIC CONTROL PLAN AND TRUCK HAUL ROUTE FOR ONGOING CONSTRUCTION ACTIVITIES AS NECESSARY TO ENSURE SAFETY AND INCONVENIENCE TO THE PUBLIC.
  6. CONTRACTOR SHALL LOCATE CITY OF MOUNTAIN VIEW COAST CASEY PUMP STATION OUTFALL PIPES AND UTILIZE STEEL PLATES ON TRAIL TO PROTECT OUTFALL PIPES FROM CONSTRUCTION LOADING. STEEL PLATES SHALL BE REMOVED AT THE END OF CONSTRUCTION.
  7. CONTRACTOR SHALL REMOVE TRAFFIC CONTROL DEVICES AND SIGNS AT THE END OF CONSTRUCTION.



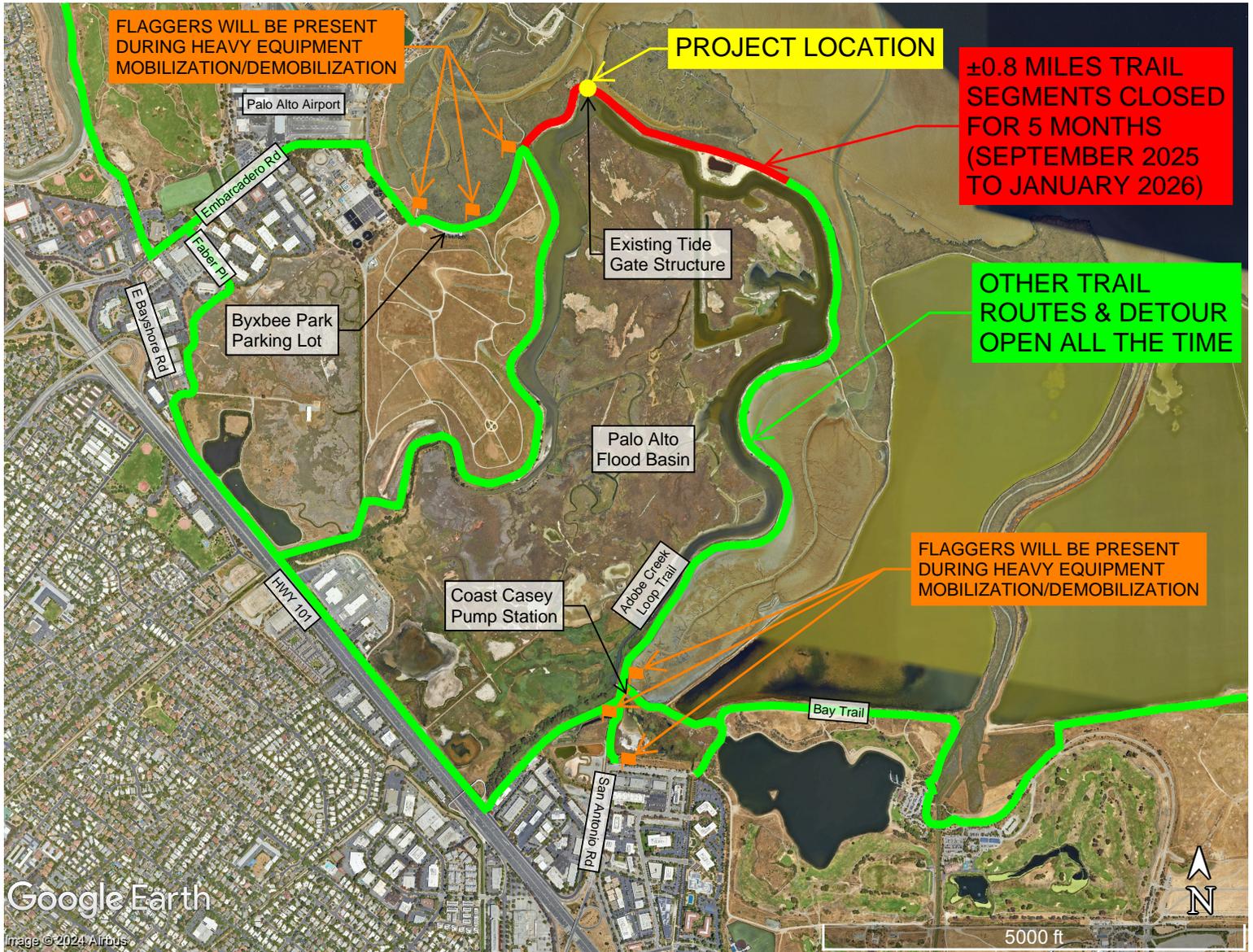
CONSTRUCTION AREA SIGNS			
SIGN NO	DESCRIPTION	SIGN SIZE	QTY OF 4"x4" POST
(A)	WORK AREA AHEAD	30"x30"	1
(B)	TRAIL CLOSED	48"x30"	1
(C)	DEAD END	30"x30"	1
(D)	ADOBE LOOP TRAIL CLOSED AHEAD (USE BAY TRAIL)	60"x30"	2
(E)	TRAIL CLOSED AHEAD 1/4 MILE	60"x30"	2
(F)	TRAIL CLOSED AHEAD 1 1/2 MILE	60"x30"	2
(G)	DETOUR [DOUBLE SIDED ARROW SYMBOL]	30"x24"	1
(H)	UNEVEN SURFACE	30"x18"	1



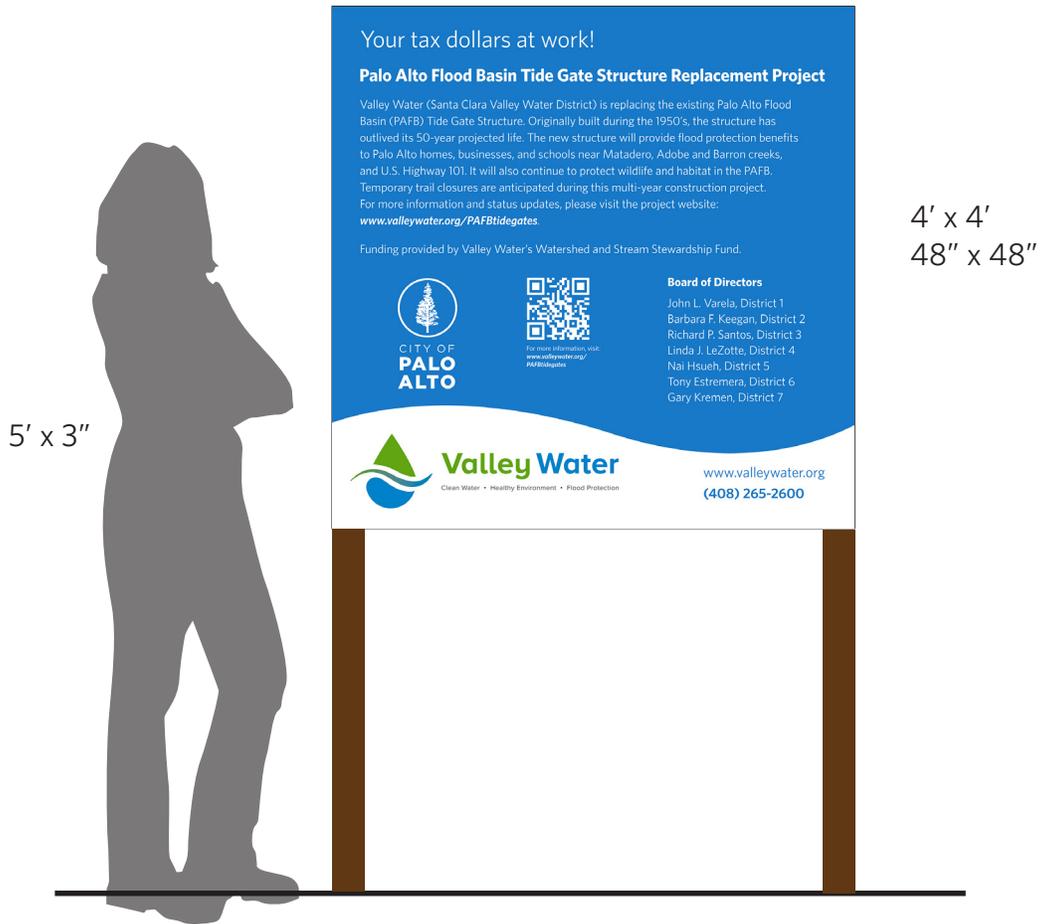
**TRUCK HAUL ROUTE AND TRAFFIC CONTROL PLAN**  
SCALE: NTS

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	SANTA CLARA VALLEY WATER DISTRICT	PROJECT NAME AND SHEET DESCRIPTION: <b>PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE SEISMIC RETROFIT AND REHABILITATION PROJECT</b> TRUCK HAUL ROUTE, TEMPORARY TRAIL CLOSURE, AND TRAFFIC CONTROL PLAN	SCALE AS SHOWN	PROJECT NUMBER
	<b>EXHIBIT A</b>									<b>EXHIBIT A</b> PAGE 4 OF 4
						ENGINEER _____ DATE _____				

# TRAIL CLOSURE



## SIGN SIZE



**Construction Sign for Palo Alto Flood Basin Project**